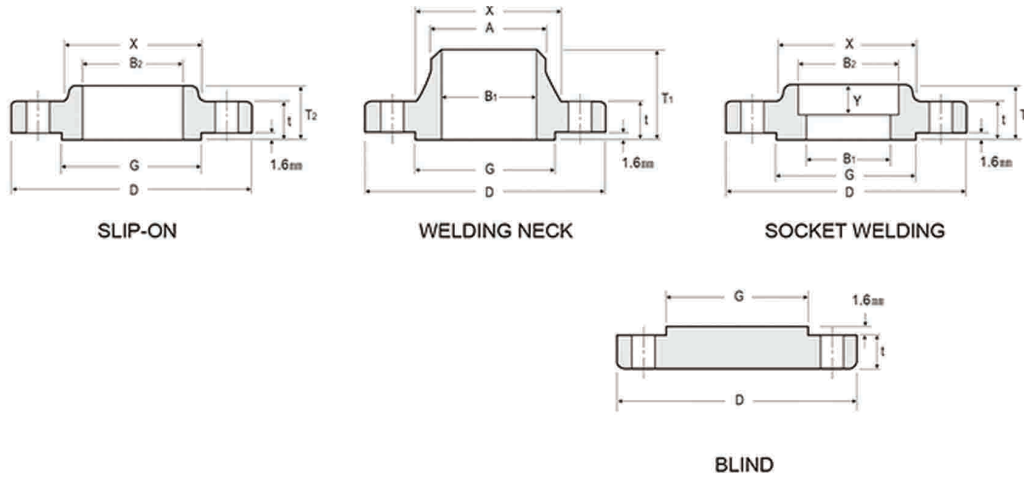




UNIMECH GROUP, MALAYSIA

CARBON STEEL FLANGE



CLASS 300 FLANGES

ANSI B16.5 FORGED FLANGES

Unit:mm

Nominal Pipe Size	Outside Diam.	Diam. at Base of Hub	O.D of Raised Face	Thick- ness t	BORE		LENGTH THRU HUB		Diam. of Hub at Bevel	Radius of Fillet	Thread Length	Depth of Socket	DRILLING		
					Welding Neck Socket Welding	Slip-on Socket Welding	Welding Neck	Slip-on Threaded Socket Welding					Bolt Circle Diam	Number of Holes	Diam of Holes
	D	X	G	t	B1	B2	T1	T2	A	R	Q	Y			
1/2	95	38.1	35.1	14.2	15.7	22.4	52.3	22.4	21.3	3.0	15.7	9.7	66.5	4	15.7
3/4	117	47.8	42.9	15.7	20.8	27.7	57.2	25.4	26.7	3.0	15.7	11.2	82.6	4	19.1
1	124	53.8	50.8	17.5	26.7	34.5	62.0	26.9	33.5	3.0	17.5	12.7	88.9	4	19.1
1 1/4	133	63.5	63.5	19.1	35.1	43.2	65.0	26.9	42.2	4.8	20.6	14.2	98.6	4	19.1
1 1/2	155	69.9	73.2	20.6	40.9	49.5	68.3	30.2	48.3	6.4	22.4	15.7	114.3	4	22.4
2	165	84.1	91.9	22.4	52.6	62.0	69.9	33.3	60.5	7.9	28.4	17.5	127.0	8	19.1
2 1/2	191	100.1	104.6	25.4	62.7	74.7	76.2	38.1	73.2	7.9	31.8	19.1	149.4	8	22.4
3	210	117.3	127.0	28.4	78.0	90.7	79.2	42.9	88.9	9.7	31.8	20.6	168.1	8	22.4
3 1/2	229	133.4	139.7	30.2	90.2	103.4	81.0	44.5	101.6	9.7	36.6	22.4	184.2	8	22.4
4	254	146.1	157.2	31.8	102.4	116.1	85.9	47.8	114.3	11.2	36.6	23.9	200.2	8	22.4
5	279	177.8	185.7	35.1	128.3	143.8	98.6	50.8	141.2	11.2	42.9	23.9	235.0	8	22.4
6	318	206.2	215.9	36.6	154.2	170.7	98.6	52.3	168.4	12.7	46.0	26.9	269.7	12	22.4
8	381	260.4	269.7	41.1	202.7	221.5	111.3	62.0	219.2	12.7	50.8	31.8	330.2	12	25.4
10	445	320.5	323.9	47.8	254.5	276.4	117.3	66.5	273.1	12.7	55.6	33.3	387.4	16	28.4
12	521	374.7	381.0	50.8	304.8	327.2	130.0	73.2	323.9	12.7	60.5	39.6	450.9	16	31.8
14	584	425.5	412.8	53.8	336.6	359.2	142.7	76.2	355.6	12.7	63.5	41.4	514.4	20	31.8
16	648	482.6	469.9	57.2	387.4	410.5	146.1	82.6	406.4	12.7	68.3	44.5	571.5	20	35.1
18	711	533.4	533.4	60.5	438.2	461.8	158.8	88.9	457.2	12.7	69.9	49.3	628.7	24	35.1
20	775	587.2	584.2	63.5	489.0	513.1	162.1	95.3	508.0	12.7	73.2	54.1	685.8	24	35.1
24	914	701.5	692.2	69.9	590.6	616.0	168.1	106.4	609.6	12.7	82.6	63.5	812.8	24	41.1

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